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1 Using a distributed mini-computer network to automate a biochemical laboratory

William J. Lennon, Eric L. Baatz, Sandra L. Colussi, Kenneth E. Kinnear

March 1976 **ACM SIGPLAN Notices , Proceedings of the ACM SIGMINI/SIGPLAN interface meeting on Programming systems in the small processor environment**, Volume 11 Issue 4

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This research considers a distributed system constructed by networking small computers as an appropriate architecture for the automation of laboratories having an integrated function. The simplicity, inherent reliability, and flexibility of such an architecture can be realized only if the laboratory as a whole and its proposed final operational characteristics are considered from the very beginning. This desire to automate an integrated laboratory forces us to address not only the normal pr ...

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